

**Docket Number** Serial Number 1202.021US1 09/897,765 NFORMATION DISCLOSURE STATEMENT Applicant(s) S. Kryukov, et al. PTO Form 1449 Filing Date **Group Art Unit** July 2, 2001 2624 **U.S. PATENT DOCUMENTS** EXAMINER REF **FILING DATE** DOCUMENT NUMBER DATE NAME CLASS SUB-CLASS INITIALS (IF APPROPRIATE) 5.367.385 11/22/94 Yuan 358 465 5,454,051 09/26/95 | Smith D 382 233 5,495,538 RECEIVED 02/27/96 | Fan 382 233 5,521,718 05/28/96 Eschbach 432 358 0 5,734,757 03/31/98 Kim 382 261 FEB 0 5 2002 Ø 5,737,451 04/07/98 Gandhi, et al. 382 268 5,802,218 Ø 09/01/98 Brailean 382 200.32 Technology Center 2600 275 5,819,035 10/06/98 Devaney, et al. 395 K 5.850.294 12/15/98 Apostolopoulos, et al. 358 433 风 5,852,475 12/22/98 | Gupta, et al. 348 606 5.883.983 03/16/99 Lee, et al. 382 268 d 5,920,356 07/06/99 | Gupta, et al. 348 606 B 5,974,197 10/26/99 Lee et al 382 268 Œ 6,151,420 11/21/00 | Wober et al. 382 275 <u>ar</u> 6,167,164 12/26/00 382 261 **FOREIGN PATENT DOCUMENTS EXAMINER** TRANSLATION REF **DOCUMENT NUMBER** DATE COUNTRY CLASS SUB-CLASS INITIALS YES a EP 0 808 068 A2 11/19/97 **EPO** H04N 7/30 X 4۷ EP 0 881 837 A1 12/02/98 EPO H04N 7/30 X EP 0 886 444 A2 12/23/98 EPO H04N 7/30 X EP 0 884 911 A1 12/16/98 EPO 7/30 H04N X EP 0 998 146 A1 05/03/00 | EPO H04N  $\overline{\mathsf{x}}$ 7/30 EP 1 001 608 A2 05/17/00 EPO H04N 7/30 X WO/97/01151 V 01/09/97 PCT G06T 5/00  $\overline{\mathsf{x}}$ JP 11-298898 10/29/99 JP H04N 7/30 **OTHER DOCUMENTS** Wallace, G. K., "The JPEG Still Picture Compression Standard," Communications of the ACM Vol. 34(4) April 1991; 31-44. Hu, J., et al., "Removal of Blocking and Ringing Artifacts in Transform Coded Images," IEEE  $\star$ Transactions on Consumer Electronics, Vol. 4, 1997; 2565-2568. Itoh, Y., "Detail-preserving Noise Filtering Using Binary Index," SPIE Vol. 2666, 1996; 119-130. Datcu, M., et al., "Histogram Analysis of JPEG Compressed Images as an Aid in Image Deblocking," Proc. DCC '95 Data Compress. Conf., 1995; 425. Castagno, R., et al., "A Rational Filter for the Removal of Blocking Artifacts in Image Sequences Coded at Low Bitrate," Proc. VIII European Signal Processing Conference (EUSPICO) 1999. Castagno, R., et al., "A Simple Algorithm for the Reduction of Blocking Artifacts in Images and its Implementation," IEEE Transactions on Consumer Electronics, Vol. 44(3) August 1998; 1062-1070. Smith, A.R., "Color Gamut Transform Pairs," Computer Graphics, Vol.12 (3) August 1978; 12-19. Ramponi, G., et al., "Interpolation of the DC Component of Coded Images Using a Rational Filter," Proc. 4th IEEE Int. Conf. Image Processing, April 21-24, 1997, 389-392.

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